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ID-2017-PCT-US:JMD:139762

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of: )  
Mark G. LUEHRMANN, et al. ) Before the Examiner  
Serial No. 09/856,745 )  
Filed May 25, 2001 ) Group Art Unit  
CONNECTING ROD WITH ) August 27, 2001  
PROFILED BORE FOR )  
INCREASED LOAD CAPABILITY )

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231 on	
August 27, 2001	
Date of deposit	
James M. Durlacher	
Name of Registered Representative	
<i>James M. Durlacher</i>	
Signature	
August 27, 2001	
Date of Signature	

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In accordance with Applicants' continuing duty of disclosure under 37 CFR §1.97 (b)(3), the following patents are brought to the attention of the United States Patent and Trademark Office and specifically to the attention of the Examiner assigned to the subject patent application. The submitted documents are listed on the attached PTO Form and a copy of each reference is included for the Examiner's convenience.

## U.S. PATENTS

DOCUMENT NUMBER	DATE	NAME
4,291,614	09/29/81	Mölle et al.
3,161,185	12/15/64	Justinien et al.
2,703,264	03/01/55	Pitner
3,994,054	11/30/76	Cuddon-Fletcher
5,628,577	05/13/97	Ribeiro et al.
3,424,138	01/28/69	Dreisin
2,483,674	10/04/49	Rosen et al.
1,789,840	01/20/31	Rathbun
1,921,044	08/08/33	Sparrow
2,295,199	09/08/42	Carvelli
3,479,929	11/25/69	Fangman
4,198,879	04/22/80	Hornak et al.
4,350,056	09/21/82	Ban et al.

## FOREIGN PATENTS

DOCUMENT NUMBER	DATE	COUNTRY
3326467	1/1985	Germany

## PUBLICATIONS

Tool Engineers Handbook, 1449 McGraw-Hill Book Company,  
Pages 1228-1229.

## CONCISE EXPLANATION OF NON-ENGLISH REFERENCE

A concise explanation of the relevance of the non-English language prior art patent under 37 CFR §1.98(a)(3), as presently understood by the individual designated in §1.56(c) as most knowledgeable about the content of the information is set forth below.

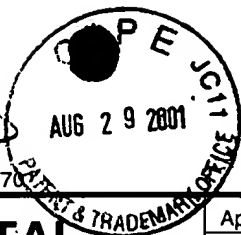
German Patent Reference No. 3326467

The subject German reference discloses a piston-connecting rod arrangement wherein the connecting rod (14) is made of multiple elements and consists of a shaft (24) which transfers compressive forces from the piston (12) to the crank pin (32), as well as several tension loops (26) which encompass the piston pin (16) and the bearing shell (30) of the crank pin and only transfer tensile forces. The piston has a base-side, trough-shaped bearing surface (A) and opposite the connecting rod another trough-shaped surface (C). In the transfer of compressive forces from the piston to the connecting rod, a straight flow of force essentially in the longitudinal direction of the connecting rod is possible over bearing surfaces (A,C). The claimed invention for the subject German reference focuses on the configuration of the connecting rod (14) and the fact that it consists of a shaft (24) and at least one tension loop (26', 26''). Claim 1 goes on to recite that the shaft ends in the half of the piston pin (16) which is facing away from the base (18) of the piston in the form of a receiver trough (A) for the pin. The tension loop (26', 26'') encompasses the base-side half of the piston pin and the half of the multiple part bearing shell (30) facing away from the base of the piston on the crankshaft side of the connecting rod bearing (32). The tension loop is divided and includes a lock (36).

Respectfully submitted,

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WENMM/SB/21 (12/00)

# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in this Submission	88	Application Number	09/856,745
		Filing Date	May 25, 2001
		First Named Inventor	LUEHRMANN, Mark G.
		Group Art Unit	
		Examiner Name	
		Attorney Docket Number	8016-547

## ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement, PTO form 1449; & copies of cited references <input type="checkbox"/> Certified Copy of Priority Documents <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> To Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> Request for Refund	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Additional Enclosure (please identify below)
Remarks		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

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Signature	<i>James M. Durlacher</i>
Date	August 27, 2001

## Certificate of Mailing

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Typed or printed name	James M. Durlacher, Reg. No. 28,840		
Signature	<i>James M. Durlacher</i>	Date	August 27, 2001